

NEORSD 2020 GREEN INFRASTRUCTURE GRANT

Community Advisory Council
September 27, 2019



ACTION REQUESTED

No action requested. This item is for presentation and discussion.

PREVIOUS ACTION

None

BACKGROUND



BACKGROUND



BACKGROUND



BACKGROUND



BACKGROUND



NET ZERO COOL PROPOSAL

PHASE I (BUILDING) (\$360,000)

Project A (One-story extensive green roof system with usable outdoor space accessible via second floor) - \$210,000

Project B (Roof water collection with bioretention) - \$150,000

PHASE II (PARKING LOT) (\$350,000)

Project A (Parking Lot Porous Paving/Center Drive Aisle) – \$140,000

Project B (Carport structures with extensive green roof) - \$210,000

PHASE III (WALLS “RIBBON THAT WRAPS THE PACKAGE” (\$95,000)

Project A (One-story building extensive green wall system) - \$35,000

Project B (Three-story building mural) - \$60,000



ANNUAL RUNOFF REDUCTION

RAINFALL (36.71")



EVAPORATION AND
TRANSPIRATION (7.13")



NOACA SITE (29.58")

POST-SCM
RUNOFF (12.44")



COMBINED SCM REDUCTION (17.14")



TOTAL SCM REDUCTION: 58%



NEXT STEPS

- **SEPTEMBER 6, 2019** – Proposal submitted to NEORSD
- **SEPTEMBER 19, 2019** – Design-Build RFP posted
- **OCTOBER 1, 2019** – Pre-Bid Meeting at NOACA
- **OCTOBER 21, 2019** – Design-Build proposals due
- **OCTOBER 24, 2019** – Design-Build team selected
- **NOVEMBER 8, 2019** – Finance & Audit Committee
- **NOVEMBER ?, 2019** – NEORSD GIG Awards announced
- **DECEMBER 13, 2019** – NOACA Board Meeting (if awarded)
- **DECEMBER 16, 2019** – Design begins (“)
- **JANUARY 1, 2020** – Award period begins (“)
- **MARCH 31, 2020** – Construction begins (“)
- **MARCH 31, 2021** – Construction concludes (“)





NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

